

FULL VERSION OF PENDING CLAIMS

What is claimed is:

1 Claim 1 (Original): A method of evaluating whiteness of light emitted from a light
2 source, comprising the steps of:

3 calculating chroma C , using a method defined by the CIE 1997 Interim Color
4 Appearance Model (Simple Version); and

5 calculating whiteness W from the chroma C using an equation (1),

$$6 \qquad W = aC + b \dots (1)$$

7 where the coefficient a is a negative real number and the coefficient b is a positive
8 real number.

1 Claim 2 (Currently Amended): The A method of Claim 1, evaluating whiteness of light
2 emitted from a light source, comprising the steps of:

3 calculating chroma C , using a method defined by the CIE 1997 Interim Color
4 Appearance Model (Simple Version); and

5 calculating whiteness W from the chroma C using an equation,

$$6 \qquad W = aC + 100$$

7 wherein the whiteness W is 100 when the chroma C is 0 coefficient a is a negative
8 real number.

1 Claim 3 (Currently Amended): ~~The~~ A method of ~~Claim 2~~, evaluating whiteness of light
2 emitted from a light source, comprising the steps of:

3 calculating chroma C , using a method defined by the CIE 1997 Interim Color
4 Appearance Model (Simple Version); and

5 calculating whiteness W from the chroma C using an equation,

6 $W = aC + 100$

7 wherein the coefficient a is a negative real number and the whiteness W is 50 under a
8 standard illuminant A .

1 Claim 4 (Original): The method of Claim 1,

2 wherein the chroma C is a chroma of the light emitted from the light source, and
3 the coefficient a is -5.3 and the coefficient b is 100 .

1 Claim 5 (Original): The method of Claim 1,

2 wherein the chroma C is a chroma of light obtained when the light from the light
3 source is reflected off from a surface of an object whose Munsell value and Munsell chroma is
4 9.5 and 0 , respectively, and
5 the coefficient a is -4.4 and the coefficient b is 100 .

1 Claim 6 (Original): The method of Claim 1,

2 wherein the chroma is a chroma of light obtained when the light emitted from the
3 light source is reflected off a blank surface of a newspaper, and
4 the coefficient a is -3.3 and the coefficient b is 100 .

1 Claim 7 (Original): A method of evaluating comparative whiteness of light emitted from
2 two light sources, comprising the steps of:
3 calculating chroma $C1$ of light from a first light source and chroma $C2$ of light
4 from a second light source using a method defined by the CIE 1997 Interim Color Appearance
5 Model (Simple Version); and

$$W_c = (C1 - C2) / C1 \dots (2).$$

1 Claims 8-83 (Cancelled)